

1/17

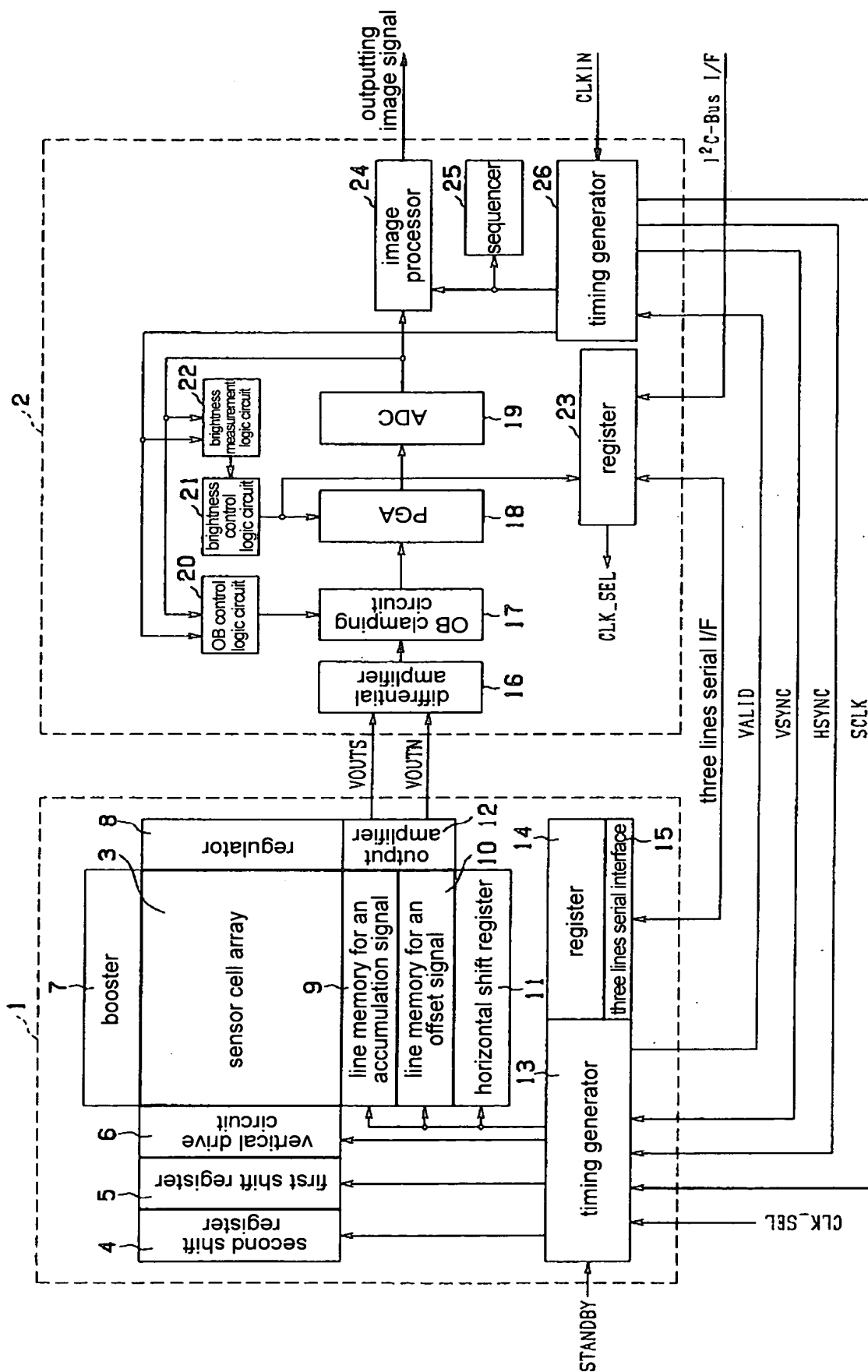


FIG. 1

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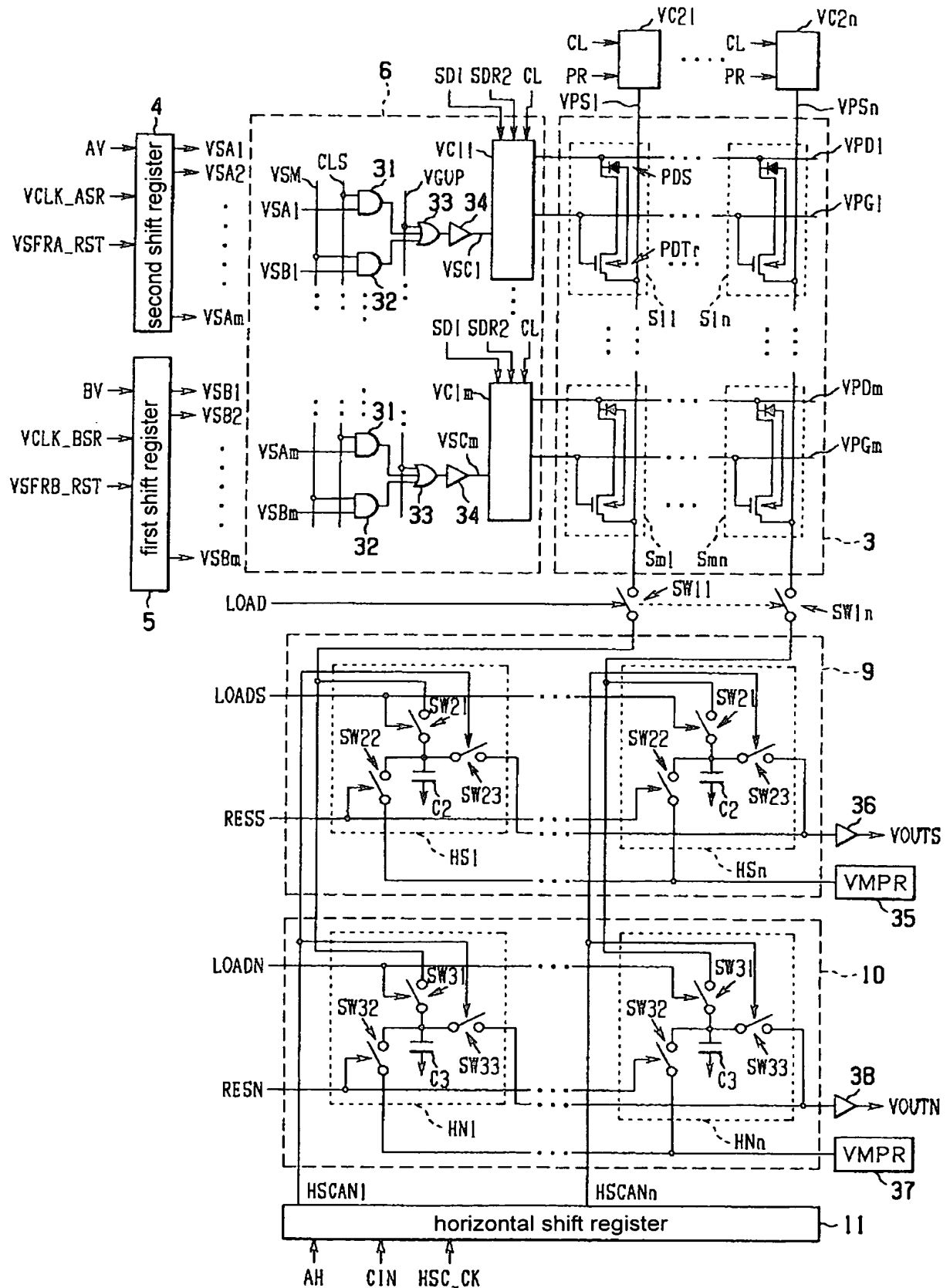


FIG. 2

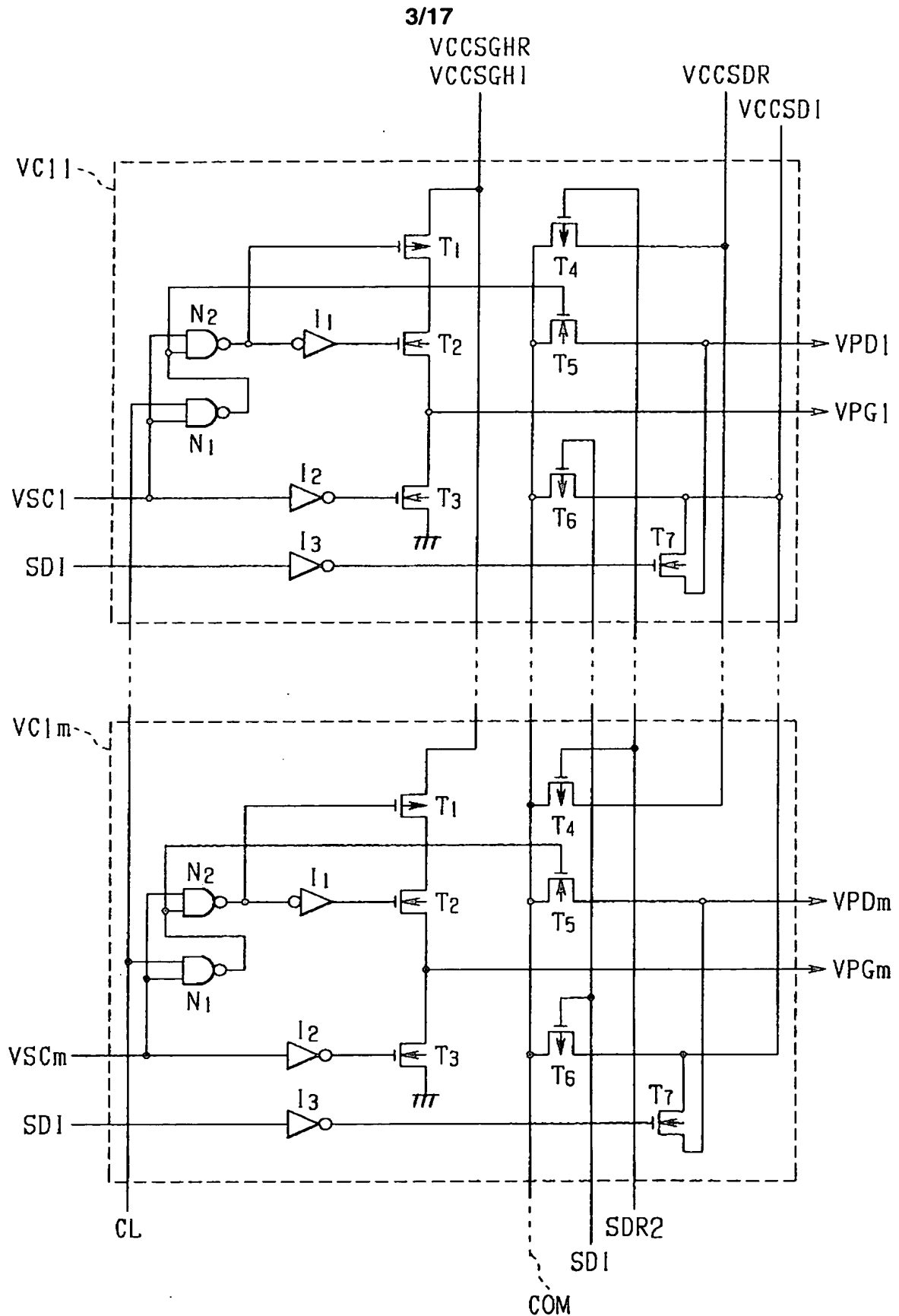


FIG. 3

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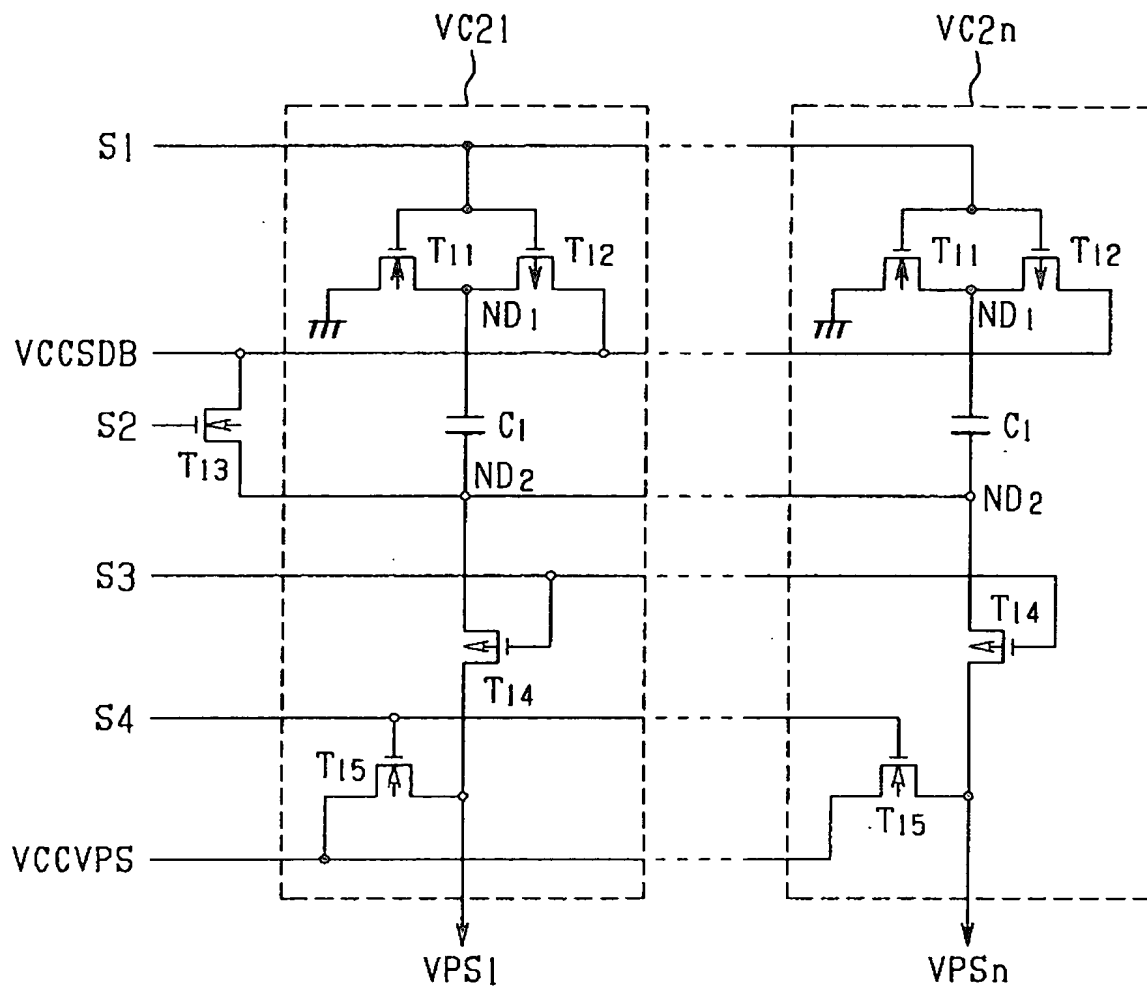


FIG. 4A

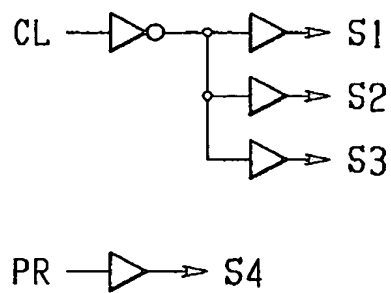


FIG. 4B

States of sensor bias									
	state	accumulation	RESS	LOADS	PR	CL	RESN	LOADN	
GATE	selected	VCCSGHI	Lo	VCCSGHR	VCCSGHR	VCCSGHR+ VCCSDBX 2	LoI	VCCSGHR	
	non selected		Lo	Lo	Lo	Lo	Lo	Lo	
SOURCE	selected	turning "on" (VCCSDI)	VMPR	VCCSGHR-VthS	VCCVPS	VCCSDBX 2	VMPR	VCCSGHR-VthN	
DRAIN	selected	VCCSDI	HiZ	VCCSDR	turning "on" (VCCVPS)	turning "on" (VCCSDBX 2)	HiZ	VCCSDR	
	non selected		HiZ	VCCSDR	VCCVPS	VCCSDR	HiZ	VCCSDR	

FIG. 5

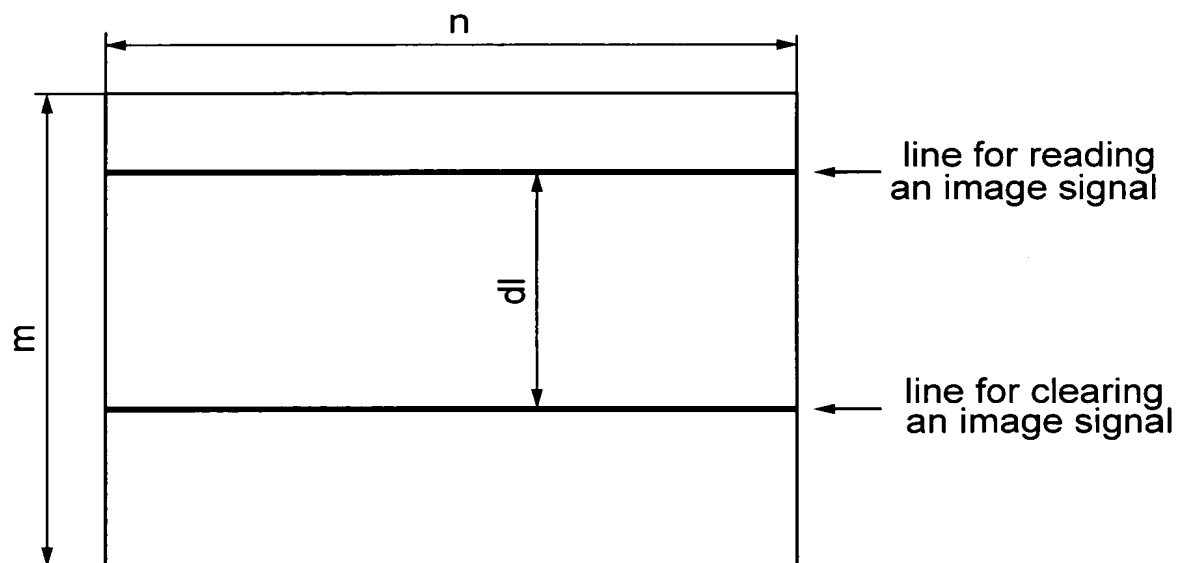


FIG. 6

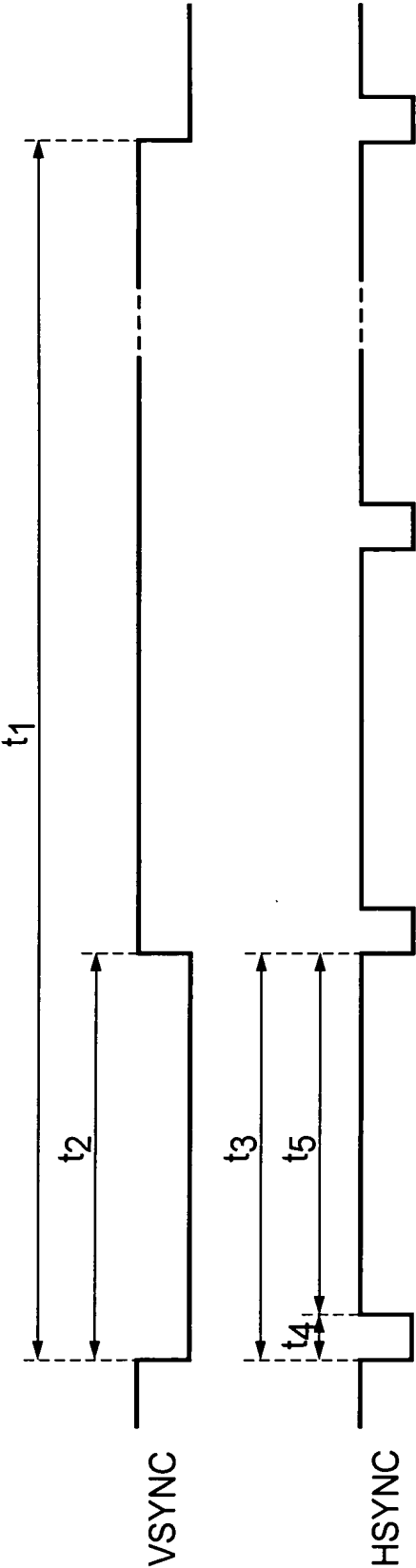


FIG. 7

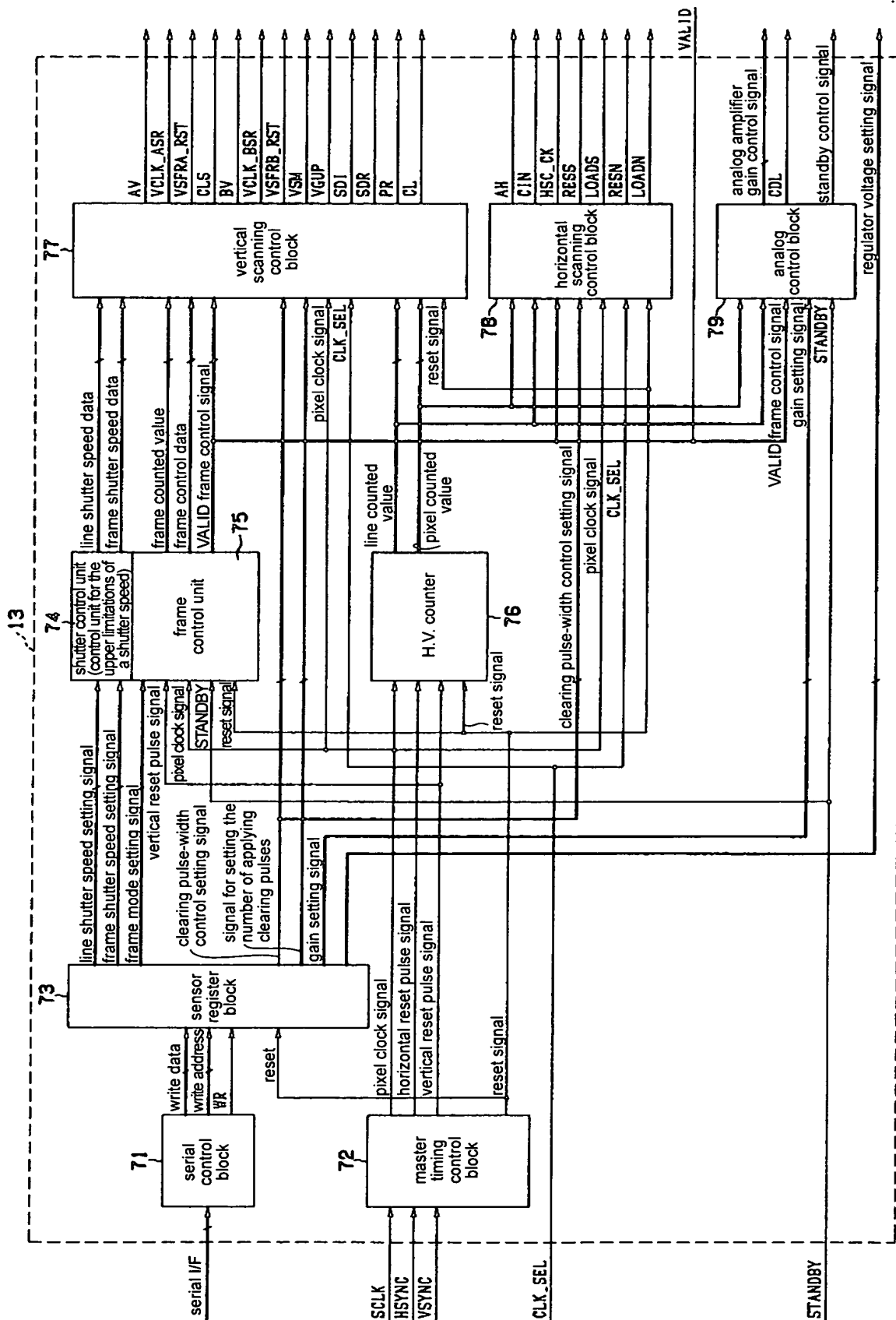
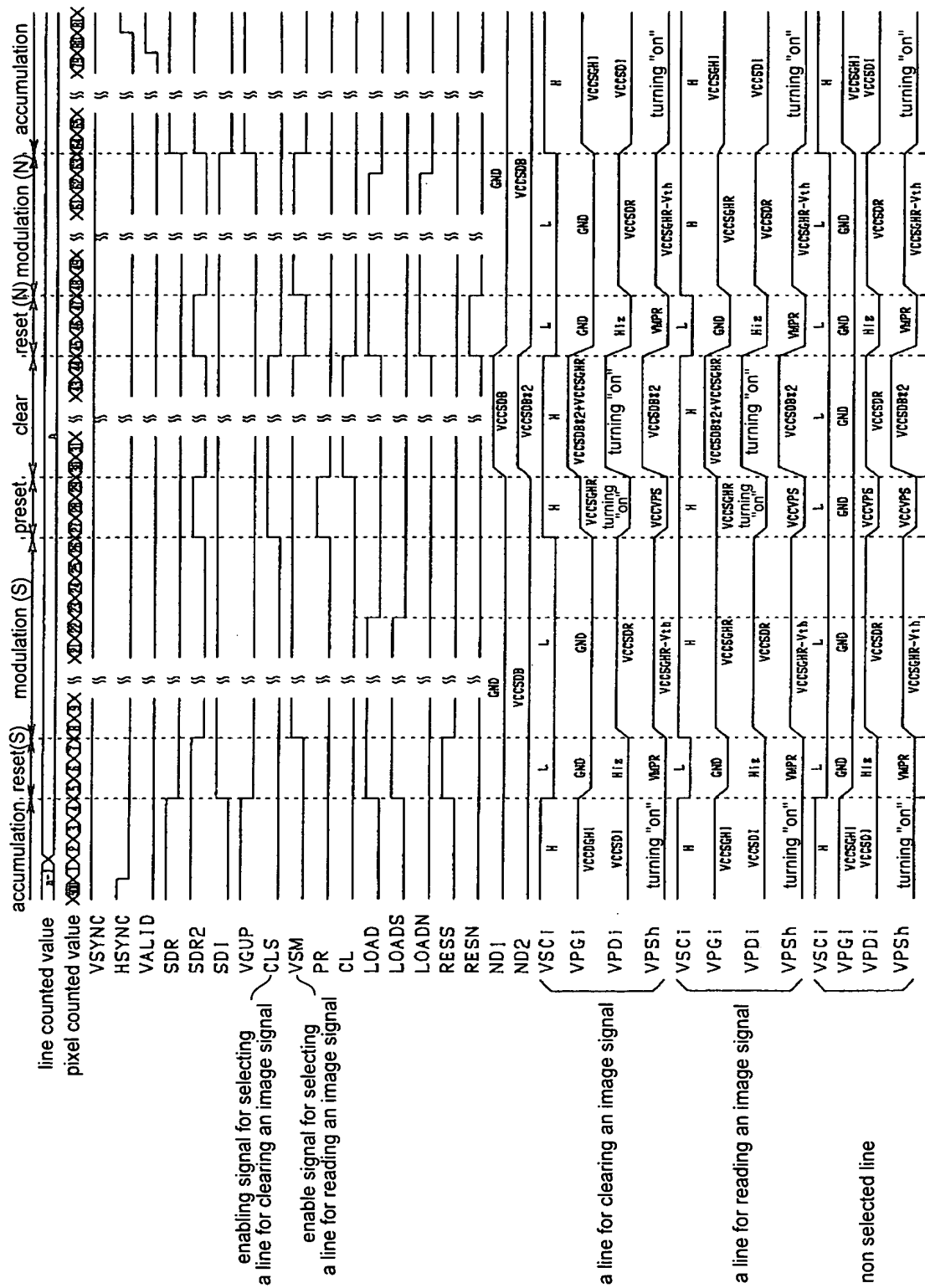


FIG. 8



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G
L

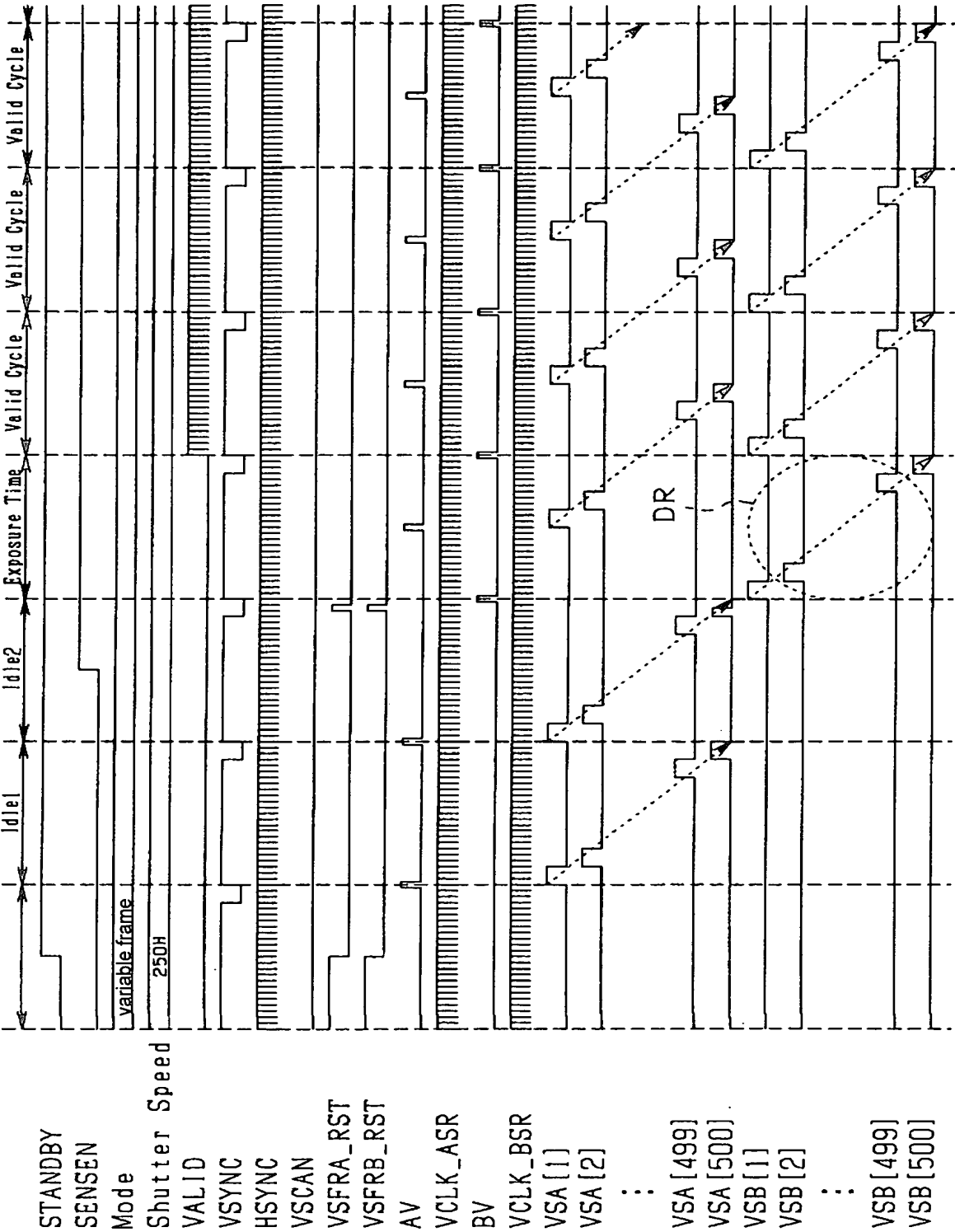


FIG. 10

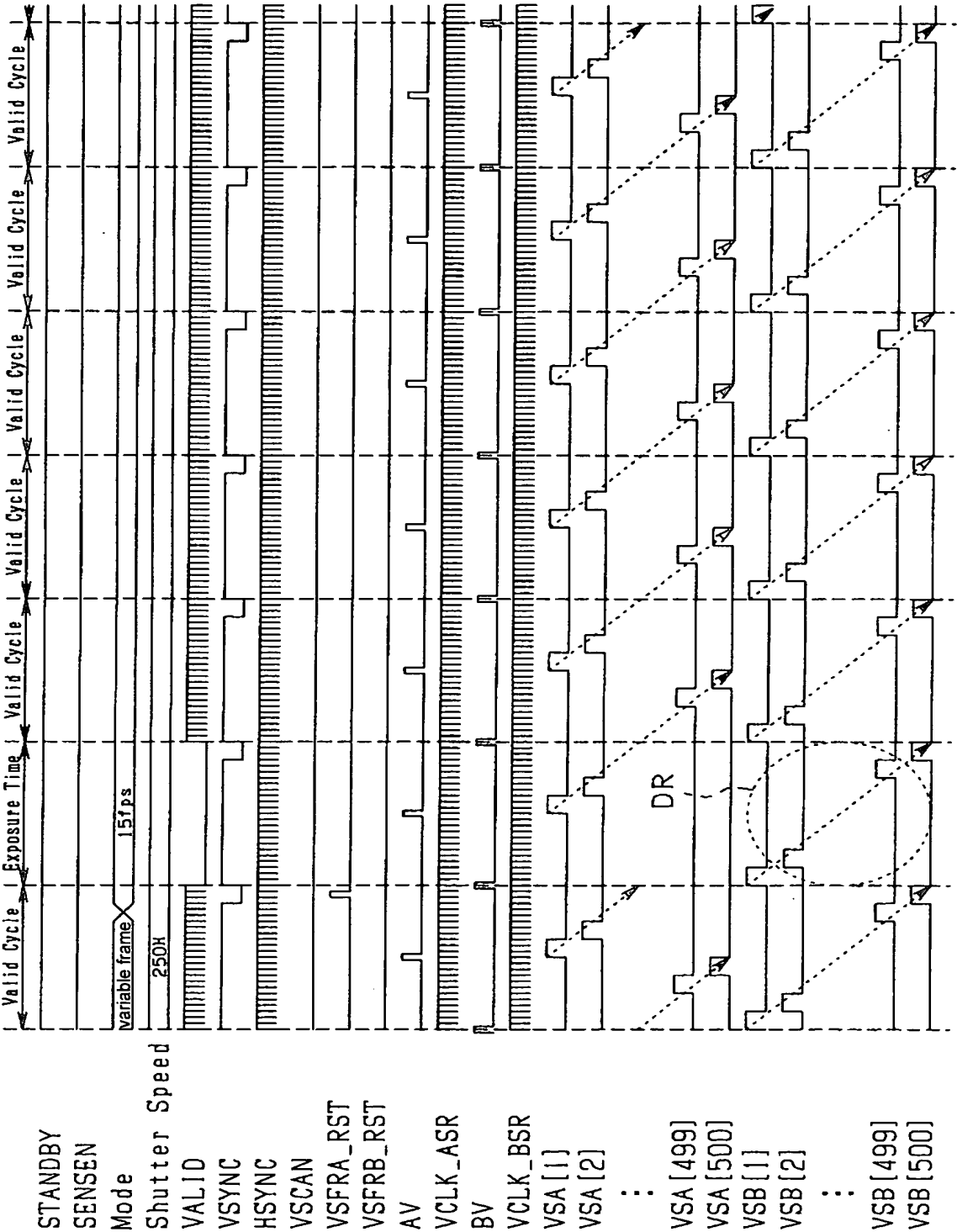


FIG. 11

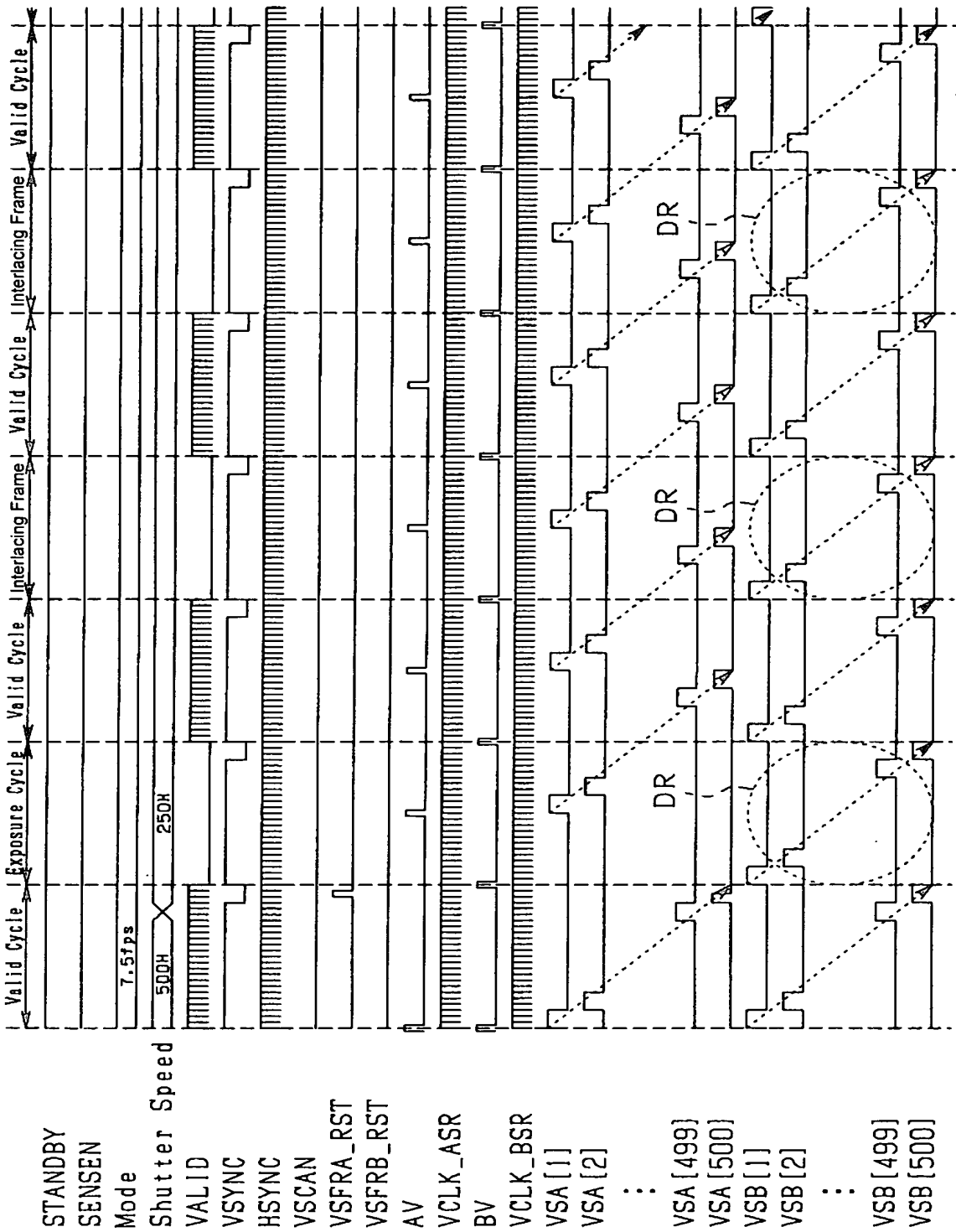


FIG. 12

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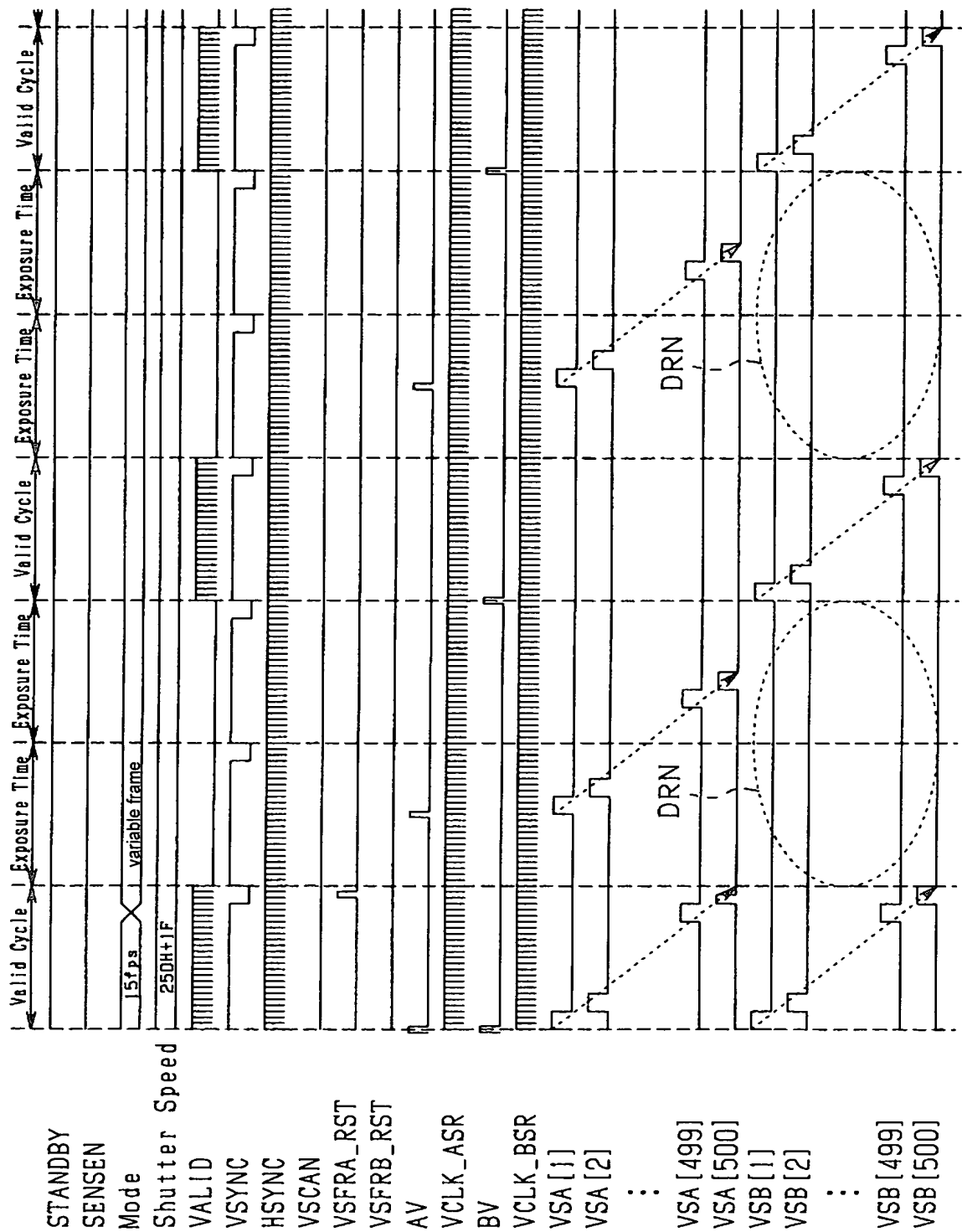


FIG. 14

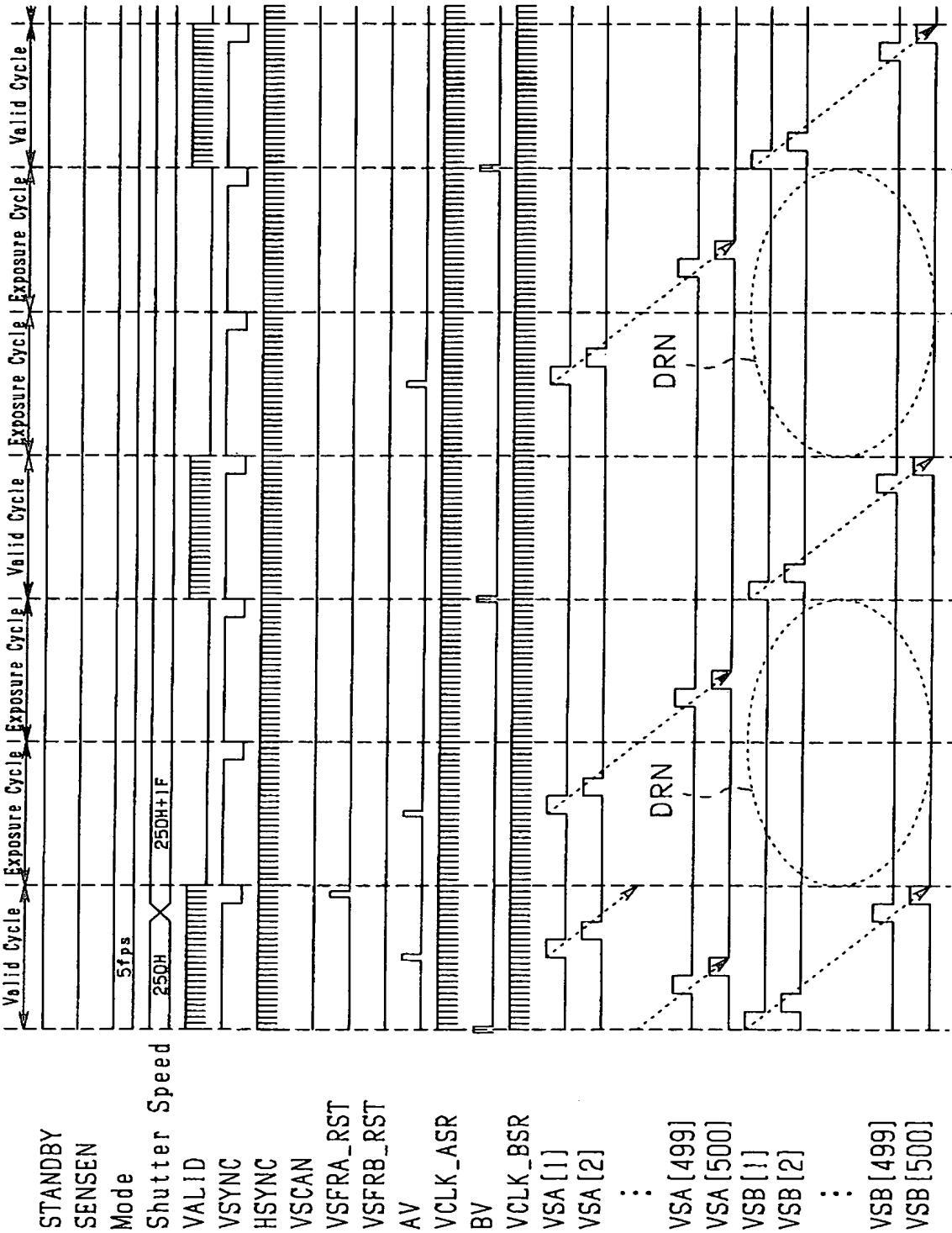


FIG. 15

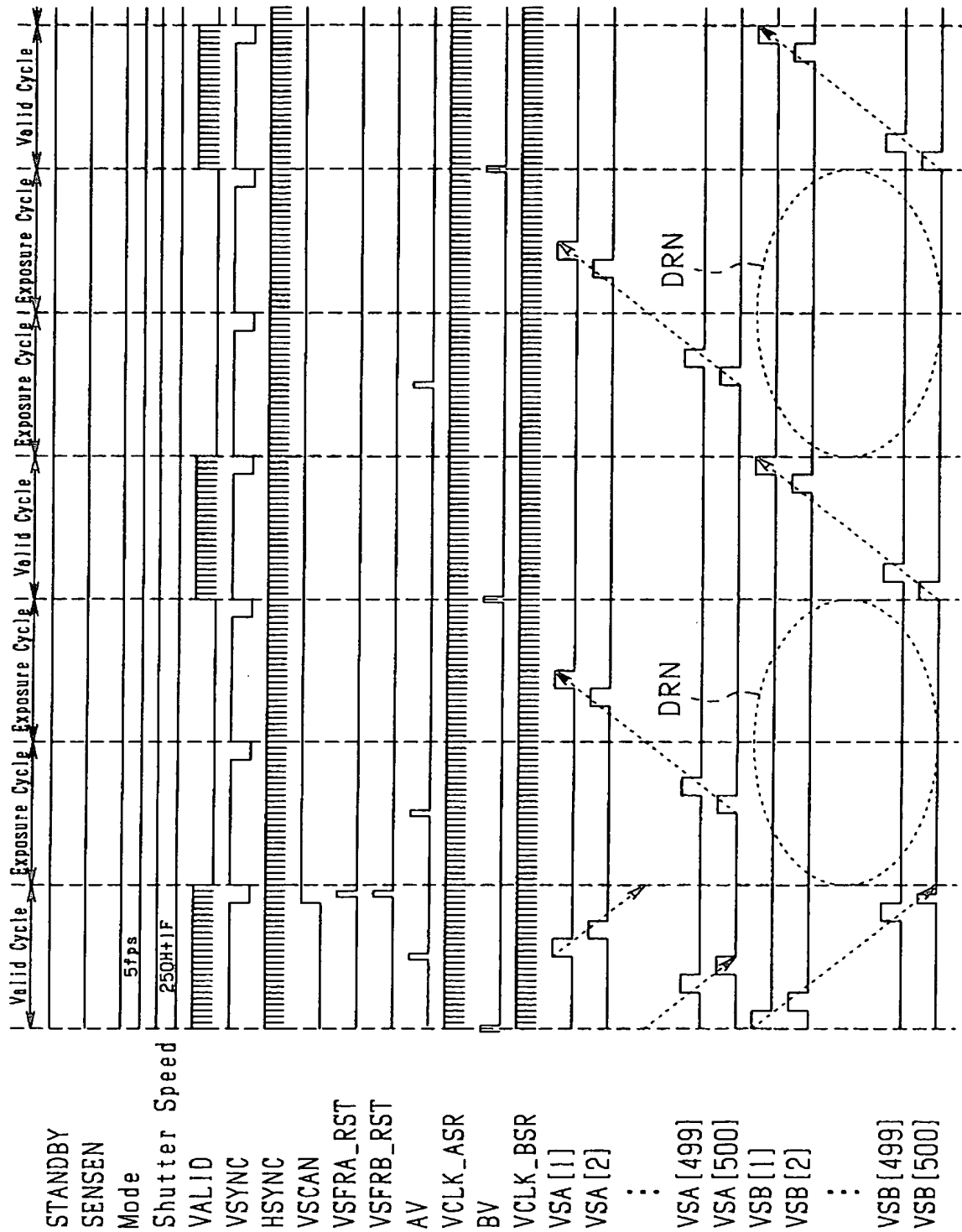


FIG. 16

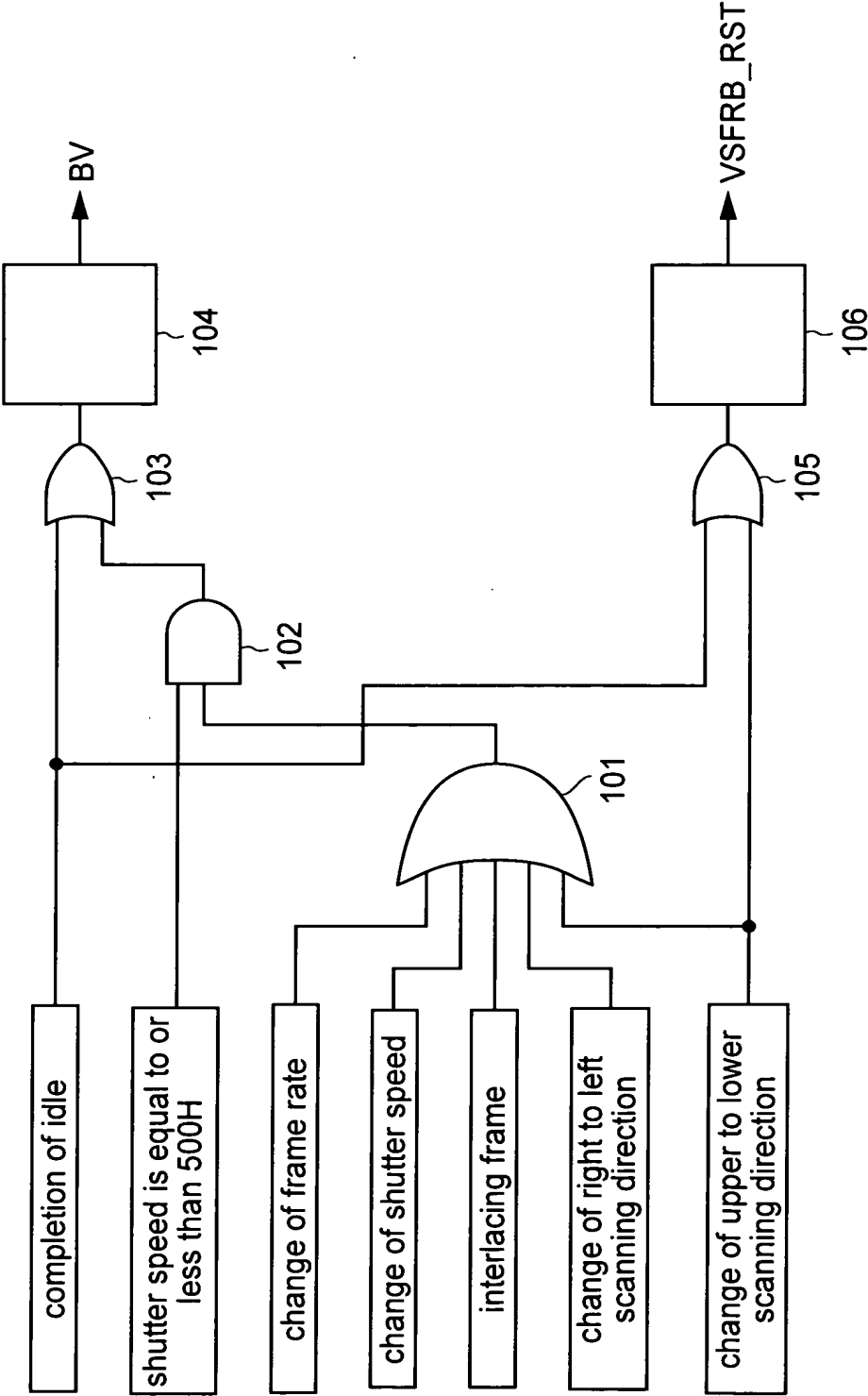


FIG. 17